INFORMATION DISCLOSURE STATEMENT (IDS) BY APPLICANT (FORM PTO-1449 Modified)

Application Number	10/589,376
Filing Date (YYYY-MM-DD)	2006-08-14
First Named Inventor	Hideyuki MIYAKE et al.
Art Unit	1651
Examiner Name	Kosar, Aaron J
Attorney Docket Number	CU-5009

U.S. PATENTS

EXAMINER INITIAL	U.S. PATENT NUMBER	ISSUE DATE (YYYY-MM-DD)	PATENTEE	CLASS	SUB- CLASS	FILING DATE (YYYY-MM-DD)
1141711/12	4,789,601	1988-12-06	Banes	OLAGO	OLAGO	(1111-WIW-DD)
	5,096,941	1992-03-17	Harnden			
	5,284,766	1994-02-08	Okano et al.			
	5,602,029	1997-02-11	Miyamoto			
	5,721,131	1998-02-24	Rudolph et al			
	5,981,425	1999-11-09	Taoda et al			
	6,368,838 B1	2002-04-09	Singhvi et al			
	5,470,739 A1	1995-11-28	Akaike et al			
	5,512,131	1996-04-30	Kumar et al.			
	5,593,814	1997-01-14	Matsuda et al			
	5,669,303	1997-09-23	Maracas et al			
	5,725,788	1998-03-10	Maracas et al.			
	5,900,160	1999-05-04	Whitesides et al.			
	6,294,313 B1	2001-09-25	Kobayashi et al.			

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER	U.S. PATENT APPLICATION	PUBL. DATE			SUB-	FILING DATE
INITIAL	PUBLICATION NUMBER	(YYYY-MM-DD)	PATENTEE	CLASS	CLASS	(YYYY-MM-DD)
	2002/0095219 A1	2002-07-18	Nelles et al.			
	2002/0182633 A1	2002-12-05	Chen et al.			
	2003/0089259 A1	2003-05-15	Damme et al.			
	2003/0219889 A1	2003-11-27	Sumaru et al			
	2004/0235167 A1	2004-11-25	Miyake et al			
	2005/0186674 A1	2005-08-25	Miyake et al			
	2005/0208656 A1	2005-09-22	Miyake et al			
	2005/0255594 A1	2005-11-17	Miyake et al			
	2005/0279730 A1	2005-12-22	Miyake et al			
	2006/0183219 A1	2006-08-17	Miyake et al			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	FOREIGN PATENT DOCUMENT NUMBER	COUNTRY CODE	KIND CODE	PUBL. DATE (YYYY-MM-DD)	NAME OF PATENTEE OR APPLICANT OF THE CITED DOCUMENT	TRANS	LATION NO
	1 246 011	EP	A2	2002-10-02	Dai Nippon Printing Co Ltd.		
	2002-184752	JP		2002-06-28	DaiNippon Printing Co Ltd		
	2002-253204	JP		2002-09-10	Nat Inst of Adv Ind & Technol		
	2002-274077	JP		2002-09-25	DaiNippon Printing Co Ltd		
	2002-355026	JP		2002-12-10	Canon KK		
	2002-355031	JP		2002-12-10	Sony Int Europ GMBH; Max Planck Gesellschaft		
	2002-542883	JP		2002-12-17	Unknown		
	2003-228172	JP		2003-08-15	DaiNippon Printing Co Ltd		
	2003-295428	JP		2003-10-15	DaiNippon Printing Co Ltd		

2003-38170	JP	2003-02-12	Okano Mitsuo	
2003-339373	JP	2003-12-02	National Institute of Advanced Industrial & Technology	
 2003-039399	JP	2003-02-13	DaiNippon Printing Co Ltd	
2003-9860	JP	2003-01-04	Fuji Photo Film Co Ltd	
2004-344025	JP	2004-12-09	DaiNippon Printing Co Ltd	
2004-57019	JP	2004-02-26	Toshiba Ceramics Co	
2004-51	JP	2004-01-08	Ecodevice Co Ltd	
2-211865	JP	1990-08-23	Kao Corp; Tokyo Jiyoshi IKA	
3-198771	JP	1991-08-29	Sanyo Electric Co Ltd	
04-126071	JP	1992-04-27	Kao Corp: Tokyo Jiyoshi IDA Univ	
04-126074	JP	1992-04-27	Bio Material Kenkyusho: KK	
04-4869	JP	1992-01-09	Toray Ind Inc	
04-94679	JP	1992-03-26	Kao Corp; Tokyo Jiyoshi IKA Univ	
6-335381	JP	1994-12-06	DaiNippon Printing Co Ltd	
7-308186	JP	1995-11-28	Kenegafuchi Chem Ind Co Ltd	
7-75547	JP	1995-03-20	Bio Material Kenkyusho: KK	
7-99962	JP	1995-04-18	NEC Corp	
08-009960	JP	1996-01-16	NEC Corp	
9-240125	JP	1007-09-16	Motorola Inc	
98/51785	WO	1998-11-19	The General Hospital Corporaton Massachusetts Institute of Technology	

NON-PATENT LITERATURE DOCUMENTS

,	TOTAL AND THE POSSIBLE TO				
EXAMINER INITIAL	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	G. Sagvolden, et al; "Cell adhesion force microscopy", Proc. Natl. Acad. Sci.				
	USA, Vol. 96, pp 471-476, January 1999 Biophysics				
	B.J. Spargo, etl al; "Spatially controlled adhesion, spreading, and differentiation				
	of endothelial cells on self-assembled molecular monolayers" Proc. Natl. Acad.				
	Sci. USA, Vol. 91, pp. 11070-11074, November 1994, Cell Biology				
	Dan V. Nicolau, et al; "Control of the neuronal cell attachment by functionality				
	manipulation of diazo-naphtho-quinone/novolak photoresist surface", Biosensors				
	& Bioelectronics Vol. 11. No. 12, pp 1237-1252, 1996				
	Woon-Seok Yeo, et al; " Electroactive Monolayer Substrates that Selectively				
	Release Adherent Cells", Chembiochem 2001, No. 7/8, pp. 590-593				
	Kyung-Soon Cho, et al; "The Effect of Energy Irradiation on the Volum				
	Resistivity Properties of Low Density Polyethylene Film", Conference Record of				
	the 1998 IEEE International Symposium on Electrical Insulation, Arlington, Virginia, USA, June 7-10, 1998, pp. 194-196				
	W. Chris Wilson, Jr. et al; "Cell and Organ Printing 1: Protein and Cell Printers",				
	The Anatomical Record, Part A 272A: 491-496(2003)				
EXAMINER	DATE CONSIDERED				

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.